

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E84327

Employer : US EPA

Worksite : EPA

Street : 1200 6th Ave

Jurisdiction : City of Seattle

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 63%

Survey Date : 11/26/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 94.3%

Drive Alone Rate : 5.7%

One-Way VMT per employee : 1.2

Average One-Way distance home to work : 16.4

Employees and Survey Response Information

Reported Total Employees at Worksite: 528

Surveys Distributed : 528

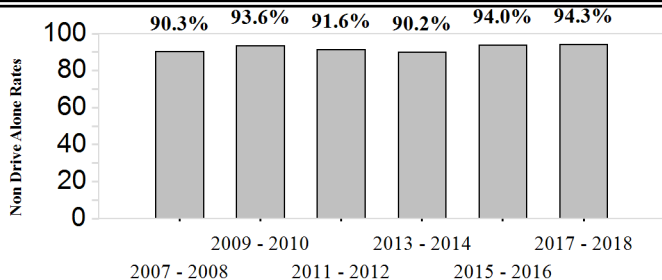
Surveys Returned : 333

Surveys Returned by CTR Affected* Employees : 307

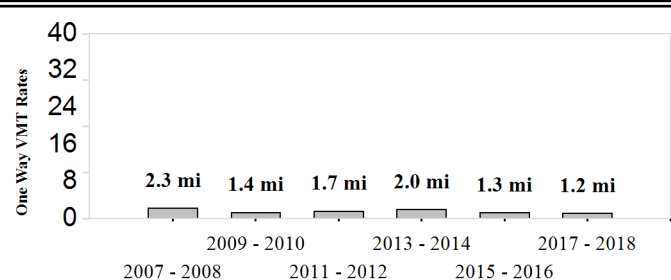
Total Estimated CTR Affected Employees at Worksite : 487

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

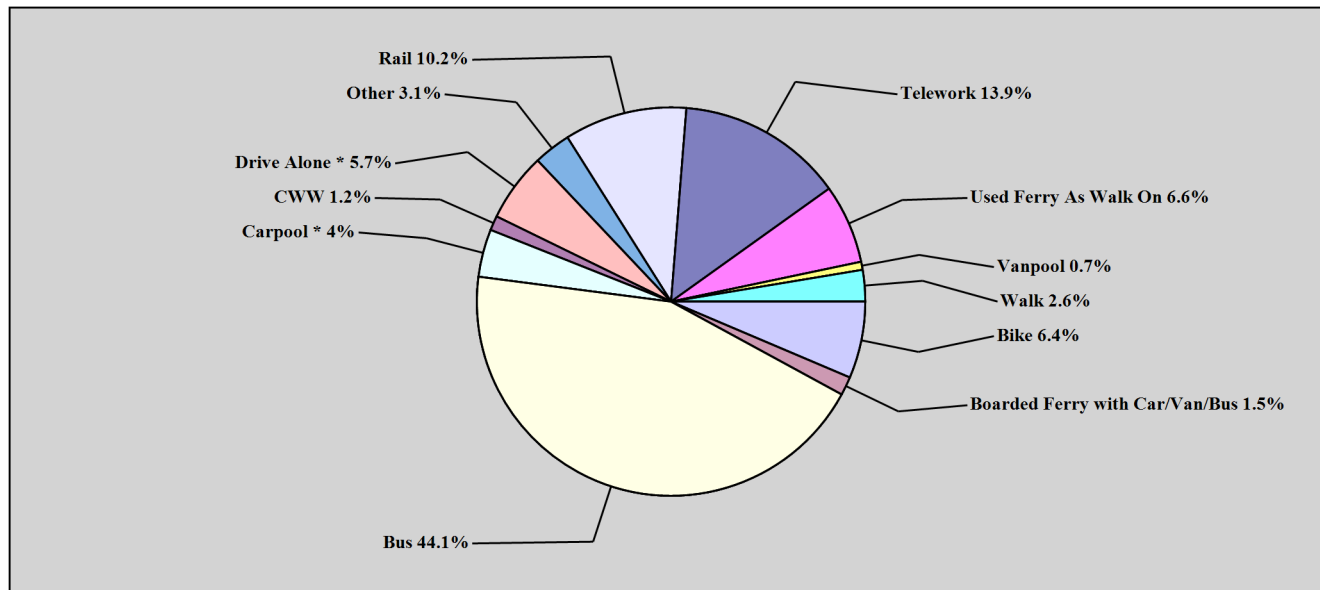
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	90.3%	91.3%	192	281	4.7	2.3	2.1
2009 - 2010	93.6%	94.4%	118	161	2.7	1.4	1.3
2011 - 2012	91.6%	92.1%	146	197	3.3	1.7	1.6
2013 - 2014	90.2%	90.5%	175	249	4.2	2.0	1.9
2015 - 2016	94.0%	94.0%	82	120	2.0	1.3	1.3
2017 - 2018	94.3%	94.5%	79	126	2.1	1.2	1.2
Target	80.0%				Target:	N/A	
% Point Change Target:	-10.3				% Change Target:	N/A	
% Point Change from Baseline:	4.0				% Change from Baseline:	-47.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



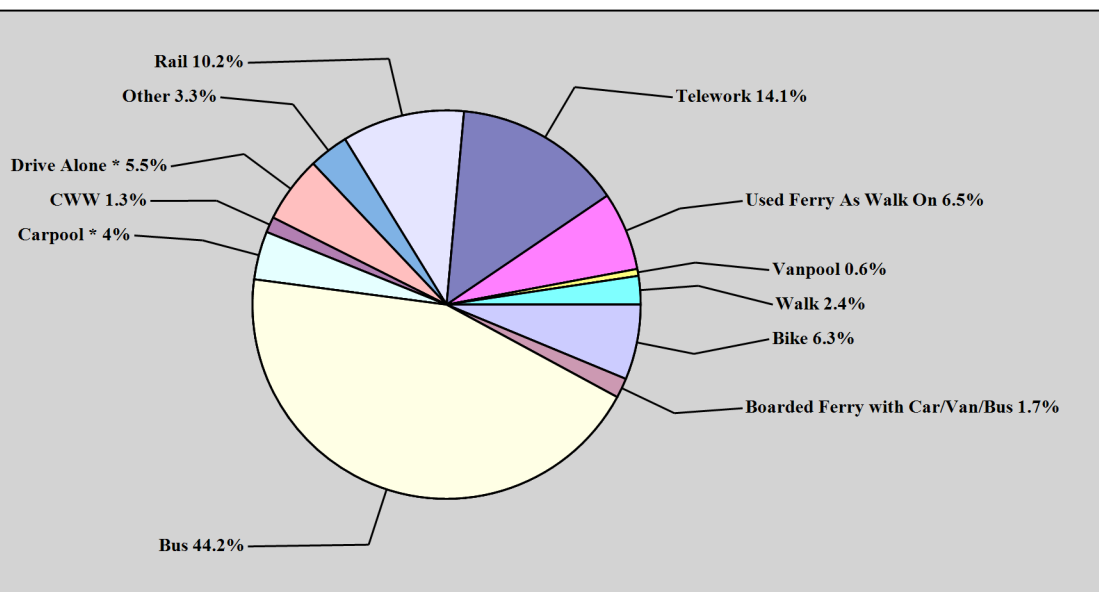
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	85	5.7%	6.0%	40	12.0%	12.8%
Carpool *	59	4.0%	4.9%	21	6.3%	10.0%
Vanpool	10	0.7%	0.7%	4	1.2%	1.2%
Bus	656	44.1%	50.2%	191	57.4%	63.2%
Rail	152	10.2%	6.9%	51	15.3%	10.0%
Bike	95	6.4%	6.0%	32	9.6%	8.5%
Walk	39	2.6%	2.3%	14	4.2%	3.6%
Telework	206	13.9%	12.4%	133	39.9%	38.9%
CWW	18	1.2%	0.9%	12	3.6%	4.0%
Boarded Ferry with Car/Van/Bus	23	1.5%	0.3%	7	2.1%	0.3%
Used Ferry As Walk On	98	6.6%	7.9%	27	8.1%	9.7%
Other	46	3.1%	1.7%	23	6.9%	6.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	77	5.5%	6.0%	35	11.4%	13.1%
Carpool *	56	4.0%	5.1%	19	6.2%	10.2%
Vanpool	8	0.6%	0.5%	3	1.0%	1.0%
Bus	615	44.2%	50.6%	177	57.7%	63.9%
Rail	142	10.2%	6.7%	47	15.3%	9.9%
Bike	87	6.3%	5.9%	29	9.4%	8.3%
Walk	33	2.4%	1.9%	11	3.6%	3.2%
Telework	196	14.1%	12.5%	126	41.0%	39.0%
CWW	18	1.3%	0.9%	12	3.9%	4.2%
Boarded Ferry with Car/Van/Bus	23	1.7%	0.3%	7	2.3%	0.3%
Used Ferry As Walk On	91	6.5%	8.0%	25	8.1%	9.9%
Other	46	3.3%	1.7%	23	7.5%	6.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	12	4%	333	100%
1 Days	7	2%	321	96%
2 Days	15	5%	314	94%
3 Days	23	7%	299	90%
4 Days	97	29%	276	83%
5 Days	169	51%	179	54%
6 or More Days	10	3%	10	3%

Count by Occupancy of Carpools and Vanpools

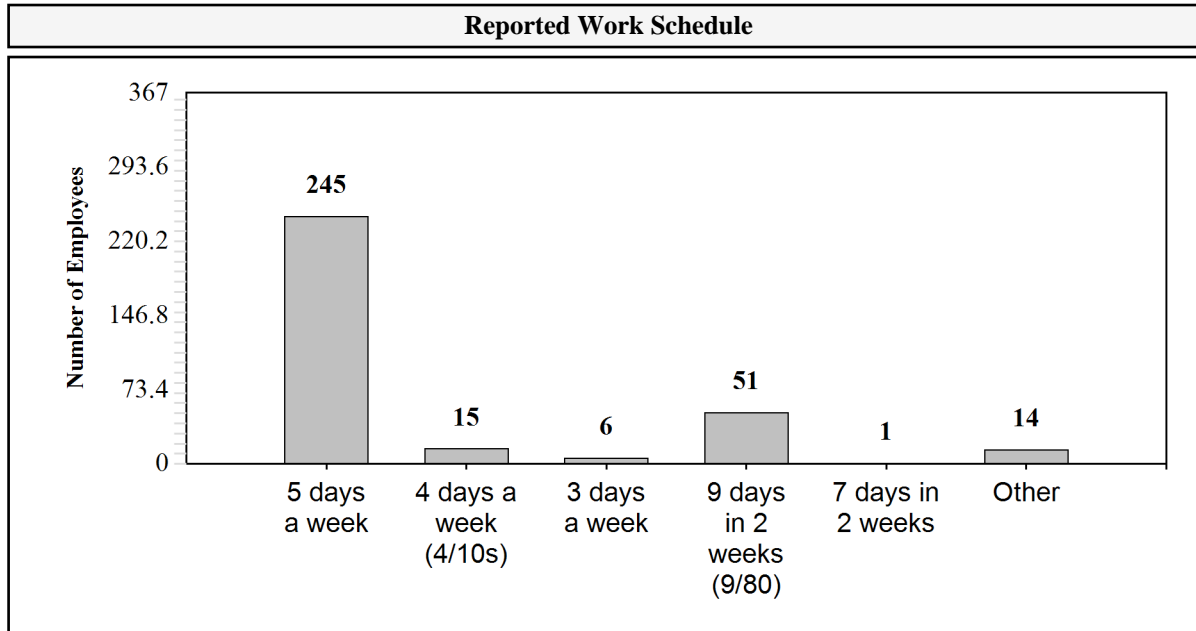
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	51
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	3
<5	Vanpool	5
5	Vanpool	0
6	Vanpool	3
7	Vanpool	2
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

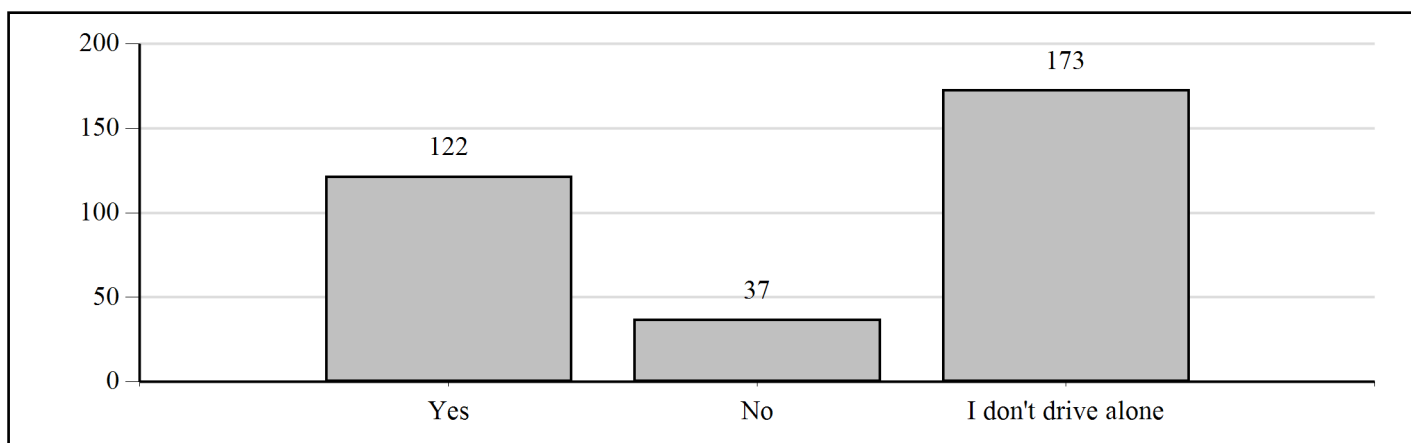
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	245	73.8%
4 days a week (4/10s)	15	4.5%
3 days a week	6	1.8%
9 days in 2 weeks (9/80)	51	15.4%
7 days in 2 weeks	1	0.3%
Other	14	4.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	55	16.5%
Occasionally, on an as-needed basis	85	25.5%
1-2 days/month	25	7.5%
1 day/week	73	21.9%
2 days/week	92	27.6%
3 days/week	3	0.9%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	228	25.0%
Cost of parking or lack of parking	161	17.6%
Environmental and community benefits	147	16.1%
To save money	101	11.1%
I have the option of teleworking	81	8.9%
Personal health or well-being	79	8.7%
Other	33	3.6%
To save time using the HOV lane	27	3.0%
Financial incentives for carpooling, bicycling or walking.	26	2.8%
Driving myself is not an option	24	2.6%
Emergency ride home is provided	5	0.5%
I receive a financial incentive for giving up my parking space	1	0.1%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	144	27.1%
Family care or similar obligations	140	26.4%
Riding the bus or train is inconvenient or takes too long	108	20.3%
I like the convenience of having my car	75	14.1%
My job requires me to use my car for work	26	4.9%
Bicycling or walking isn't safe	21	4.0%
I need more information on alternative modes	10	1.9%
My commute distance is too short	6	1.1%
There isn't any secure or covered bicycle parking	1	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	18	5.41%	4	3	0	0	39	1	24	1	7	1	0	0	0
98117	16	4.80%	0	2	0	0	36	0	23	0	6	0	0	0	1
98115	15	4.50%	3	9	0	0	41	1	1	2	12	2	0	0	1
98110	13	3.90%	0	0	0	0	0	0	0	0	6	0	0	39	12
98122	13	3.90%	1	2	0	0	24	18	6	5	4	1	0	0	1
98107	9	2.70%	0	1	0	0	28	0	3	0	3	2	0	0	0
98116	9	2.70%	0	0	0	0	28	0	0	0	3	0	0	5	6
98125	8	2.40%	2	5	0	0	21	2	4	0	2	0	0	0	0
98105	7	2.10%	4	1	0	0	10	13	2	0	3	0	0	0	0
98118	7	2.10%	1	0	0	0	0	23	3	0	3	0	0	0	1
98126	7	2.10%	1	0	0	0	26	0	0	0	2	1	0	0	0
98144	7	2.10%	4	1	0	0	10	4	5	0	3	0	5	0	0
98006	6	1.80%	0	0	0	0	19	0	0	0	4	0	0	0	0
98040	6	1.80%	3	3	0	0	12	0	5	0	2	0	0	0	0
98133	6	1.80%	1	0	0	0	16	0	5	0	5	0	0	0	1
98136	6	1.80%	1	2	0	0	18	0	3	0	2	1	0	0	0
98155	6	1.80%	1	0	0	0	22	0	0	0	2	0	0	0	2
98177	6	1.80%	1	2	0	0	10	0	0	0	7	1	0	0	0
98391	6	1.80%	0	0	0	0	0	21	0	0	4	0	0	0	0
98027	5	1.50%	0	0	0	0	22	0	0	0	2	0	0	0	0
98070	5	1.50%	0	0	0	0	0	0	0	0	5	0	0	16	0
98166	5	1.50%	0	0	0	0	15	0	3	0	1	0	0	0	5
98020	4	1.20%	0	0	0	0	7	0	0	0	5	0	0	0	4
98023	4	1.20%	0	2	0	0	10	0	0	0	3	0	0	0	0
98026	4	1.20%	2	0	0	0	17	0	0	0	2	0	0	0	1
98032	4	1.20%	0	0	0	0	13	2	0	0	5	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98058	4	1.20%	7	0	0	0	4	4	0	0	2	0	0	0	1
98059	4	1.20%	5	0	0	0	11	0	0	0	1	0	0	0	0
98119	4	1.20%	0	0	0	0	7	0	0	6	3	1	0	0	0
98312	4	1.20%	0	3	0	0	0	0	0	0	3	0	6	6	1
98404	4	1.20%	0	0	0	0	10	4	0	0	3	0	0	0	0
98012	3	0.90%	0	0	0	0	12	0	0	0	2	0	0	0	0
98038	3	0.90%	4	0	0	0	4	0	0	0	5	1	0	0	0
98102	3	0.90%	0	0	0	0	2	0	0	9	2	0	0	0	0
98109	3	0.90%	0	0	0	0	9	0	0	6	1	0	0	0	0
98199	3	0.90%	4	0	0	0	9	0	0	0	1	0	0	0	0
98311	3	0.90%	0	0	0	0	0	0	0	0	3	0	0	10	0
98374	3	0.90%	0	0	2	0	0	7	0	0	2	0	0	0	0
98001	2	0.60%	3	0	0	0	3	1	0	0	2	0	0	0	0
98002	2	0.60%	0	0	0	0	2	0	0	0	2	0	0	0	0
98029	2	0.60%	0	0	0	0	7	0	0	0	2	0	0	0	0
98030	2	0.60%	3	0	0	0	0	4	0	0	0	0	0	0	0
98034	2	0.60%	0	0	0	0	7	0	0	0	2	0	0	0	0
98036	2	0.60%	0	0	0	0	4	0	0	0	1	0	5	0	0
98037	2	0.60%	0	5	0	0	5	0	0	0	0	0	0	0	0
98065	2	0.60%	0	0	0	0	7	0	0	0	2	1	0	0	0
98108	2	0.60%	1	0	0	0	0	4	0	0	3	0	0	0	1
98112	2	0.60%	0	0	0	0	4	0	3	0	1	1	0	0	0
98148	2	0.60%	0	4	0	0	3	0	0	0	0	0	0	0	0
98168	2	0.60%	0	10	0	0	0	0	0	0	0	0	0	0	0
98188	2	0.60%	0	0	0	0	0	9	0	0	0	0	0	0	0
98198	2	0.60%	0	0	0	0	0	7	0	0	1	0	0	0	0
98204	2	0.60%	3	0	0	0	5	0	0	0	2	0	0	0	0
98208	2	0.60%	0	0	0	0	7	0	0	0	2	0	0	0	0
98260	2	0.60%	0	0	5	0	0	0	0	0	4	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98290	2	0.60%	7	0	0	0	0	0	0	0	2	0	0	0	0
98296	2	0.60%	0	0	0	0	7	0	0	2	1	0	0	0	0
98340	2	0.60%	0	0	0	0	0	4	0	0	0	0	0	2	0
98366	2	0.60%	5	0	0	0	0	0	0	0	2	0	0	3	0
98367	2	0.60%	2	0	0	0	2	0	0	0	3	0	3	0	0
98370	2	0.60%	0	0	0	0	4	0	0	0	2	0	0	4	0
98503	2	0.60%	6	0	0	0	2	0	0	0	2	0	0	0	0
98524	2	0.60%	0	0	0	0	5	0	0	0	1	0	0	4	0
91826	1	0.30%	0	0	0	0	4	0	0	0	0	0	0	0	0
98004	1	0.30%	0	3	0	0	2	0	0	0	0	0	0	0	0
98005	1	0.30%	0	0	0	0	3	0	0	0	2	0	0	0	0
98011	1	0.30%	0	0	0	0	5	0	0	0	0	0	0	0	0
98028	1	0.30%	0	0	0	0	4	0	0	0	1	0	0	0	0
98031	1	0.30%	0	0	0	0	5	0	0	0	0	0	0	0	0
98042	1	0.30%	0	0	0	0	4	0	0	0	0	0	0	0	0
98043	1	0.30%	0	0	0	0	1	0	0	0	2	0	0	0	2
98052	1	0.30%	0	0	0	0	3	0	0	0	2	0	0	0	0
98055	1	0.30%	0	0	0	0	4	0	0	0	0	0	0	0	0
98072	1	0.30%	0	0	0	0	3	0	0	0	2	0	0	0	0
98075	1	0.30%	0	0	0	0	4	0	0	0	1	0	0	0	0
98092	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	0	1
98101	1	0.30%	0	0	0	0	0	3	0	2	0	0	0	0	0
98104	1	0.30%	0	0	0	0	0	0	0	5	0	0	0	0	0
98106	1	0.30%	0	0	0	0	0	0	5	0	0	0	0	0	0
98121	1	0.30%	0	0	0	0	5	0	0	0	0	0	0	0	0
98223	1	0.30%	0	0	0	0	2	0	0	0	2	0	0	0	1
98274	1	0.30%	0	0	3	0	0	0	0	0	1	0	0	0	0
98275	1	0.30%	0	0	0	0	3	0	0	0	2	0	0	0	0
98310	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	5	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98321	1	0.30%	0	0	0	0	0	4	0	1	0	0	0	0	0
98335	1	0.30%	0	0	0	0	0	0	0	0	0	5	0	0	0
98337	1	0.30%	0	0	0	0	0	0	0	0	0	0	0	4	0
98338	1	0.30%	2	0	0	0	0	2	0	0	0	0	0	0	0
98346	1	0.30%	0	0	0	0	0	0	0	0	3	0	2	0	0
98359	1	0.30%	0	0	0	0	0	0	0	0	1	0	0	0	3
98371	1	0.30%	0	0	0	0	0	3	0	0	2	0	0	0	0
98372	1	0.30%	0	0	0	0	0	5	0	0	0	0	0	0	0
98373	1	0.30%	3	0	0	0	0	0	0	0	2	0	0	0	0
98380	1	0.30%	0	0	0	0	0	0	0	0	3	0	2	0	1
98403	1	0.30%	0	0	0	0	4	0	0	0	1	0	0	0	0
98407	1	0.30%	0	0	0	0	0	3	0	0	2	0	0	0	0
98409	1	0.30%	0	0	0	0	0	1	0	0	0	0	0	0	0
98418	1	0.30%	0	0	0	0	3	0	0	0	1	0	0	0	0
98422	1	0.30%	0	1	0	0	3	1	0	0	0	0	0	0	0
98466	1	0.30%	0	0	0	0	3	1	0	0	0	0	0	0	0
98513	1	0.30%	1	0	0	0	2	0	0	0	2	0	0	0	0
98516	1	0.30%	0	0	0	0	3	0	0	0	2	0	0	0	0
98862	1	0.30%	0	0	0	0	0	0	0	0	4	0	0	0	0